

Claims

1. Process for producing colored animal fodder or human food or similar things by means of extrusion with admixture of colorants to a product and extruding / expanding the product / colorant mixture, characterized in that the product flow is divided, according to the number of different colorants, into independent partial flows, each of which has only one colorant admixed with it, and that the partial flows are brought together only shortly before they exit from a processing device so that the different color areas in the end product (13) are preserved.

2. Process of claim 1, characterized in that two colorants are supplied.

3. Process of claim 1 or 2, characterized in that at least one partial flow has other substances added to it.

4. Process of at least one of claims 1 through 3, characterized in that each colorant is mixed with the partial flow by means of a separate mixing screw (5).

5. Process of claim 1, characterized in that the partial flows are brought together only shortly before expansion.

6. Device for producing colored animal fodder or human food or industrial products with an extruder / expander, which has a die plate with several dies (12) for the exit of a colored product, characterized in that the extruder has, downstream of it in the product flow direction, a mixing section (3) which has one mixing screw (5) in a mixing chamber (4) for each colorant with a following die arrangement, and the die arrangement contains canals which lead from the mixing chambers (4) to the dies (12) of a die plate (11).

7. Device of claim 5, characterized in that the canals of the various independent mixing chambers (4) are brought together only shortly before the die plate (11).

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8. Device of claim 5 or 6, characterized in that the mixing section (3) contains two mixing chambers (4).
9. Device of at least one of claims 5 through 7, characterized in that the canals have cross section-modifying and flow controlling elements.